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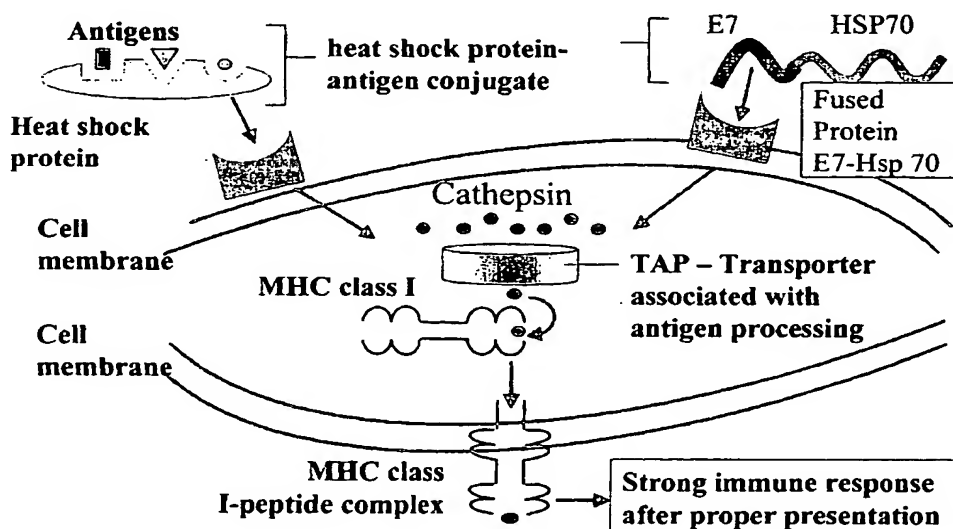
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(54) Title: METHODS, KITS, AND COMPOSITIONS FOR THE DEVELOPMENT AND USE OF MONOCLONAL ANTIBOD-
IES SPECIFIC TO ANTIGENS OF LOW IMMUNOGENICITY



(57) Abstract: The invention relates to the development and use of monoclonal antibodies specific to antigens of low immunogenicity. The present invention provides methods of producing monoclonal antibodies by chemically conjugating the antigen of interest to a carrier molecule that enables the immune system to respond to immunization with the conjugated antigen. The invention also provides particular compositions of conjugated antigens as well as of monoclonal antibodies specific for those conjugated antigens. The present invention also provides kits for use in detecting disease conditions using the monoclonal antibodies.